

Title (en)

METHOD FOR ESTIMATING AND ADJUSTING THE SPEED AND ACCELERATION OF A VEHICLE

Title (de)

VERFAHREN ZUR SCHÄTZUNG UND ANPASSUNG DER GESCHWINDIGKEIT UND BESCHLEUNIGUNG EINES FAHRZEUGS

Title (fr)

PROCEDE D'ESTIMATION ET ADAPTATION DE LA VITESSE ET DE L'ACCELERATION D'UN VEHICULE

Publication

**EP 3959523 A1 20220302 (FR)**

Application

**EP 19721229 A 20190423**

Priority

EP 2019060287 W 20190423

Abstract (en)

[origin: WO2020216430A1] The invention relates to a method for estimating the speed of a motor vehicle, in which: A. a first speed threshold SV1 is defined, corresponding to a minimum speed value provided by an angular wheel speed sensor of the vehicle B. a second speed threshold SV2 is defined, greater than SV1; C. low-speed values are estimated when the vehicle travels below SV1 using an adaptive filter estimation method; D. high-speed values are measured when the vehicle travels above SV2 using speed values of the vehicle provided by the angular wheel speed sensor; E. in the intermediate region between SV1 and SV2, a mixing is performed of the high speed with the low speed.

IPC 8 full level

**G01P 3/489** (2006.01); **B60T 8/172** (2006.01); **B60W 40/105** (2012.01); **B60W 40/107** (2012.01)

CPC (source: EP KR US)

**B60T 8/172** (2013.01 - EP KR); **B60W 40/105** (2013.01 - EP KR US); **B60W 50/00** (2013.01 - US); **G01P 3/489** (2013.01 - EP KR); **B60T 2250/04** (2013.01 - EP KR); **B60W 2050/0054** (2013.01 - US); **B60W 2420/503** (2013.01 - US); **B60W 2520/105** (2013.01 - US); **B60W 2520/28** (2013.01 - US)

Citation (search report)

See references of WO 2020216430A1

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Designated extension state (EPC)

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